CHAPTER I.

EXTENSION AND CONSTITUTION OF STATE FORESTS.

(i).—ALTERATION OF AREA,

AND

(ii).—FOREST SETTLEMENTS.

The following table shows the forest area of the Southern Circle :—

Names of Districts.	Area on 1st July 1894.		Added during the year.		Excluded or transferred to other heads.		Area on 30th June 1895.		Total Forest-Area.
	Reserved.	Protected.	Reserved.	Protected.	Reserved.	Protected.	Reserved.	Protected.	
1	2	3	4	5	6	7	8	9	10
	Sq.m. a.	Sq.m. a.	Sq.m. a.	Sq.m. a.	Sq.m. a.	Sq.m. a.	Sq.m. a.	Sq.m. a.	Sq.m. a.
Kanara	1,181 617	2,366 636	1 328	...	...	0 1	1,183 305	2,366 635	3,550 300
Belgaum	531 511	149 540	132 511	...	0 60	138 405	664 322	11 135	675 457
Dharwar	170 555	260 258	189 305	...	1 207	237 328	359 13	22 570	381 583
Bijápúr	155 56	89 409	...	...	...	...	155 56	89 409	244 465
Kolábá	411 38	34 137	26 348	...	0 45	27 92	437 341	7 45	444 386
Ratnagiri	20 80	.....	...	...	...	...	20 80	.....	20 80
Total ...	2,470 577	2,901 60	350 212	...	1 312	403 186	2,819 477	2,497 514	5,317 351

2. The changes in the area of the Kanara-forests are due to errors in the original notifications, which were rectified during the year under report.

3. The revision-settlement of the forests of Belgaum and Dharwar received the sanction of Government, and the final lists were notified in the *Gazette*. Under this settlement 104 square miles 82 acres of "Protected" forests in Belgaum, and 174 square miles 60 acres in Dharwar, were converted into "Reserved." In Kolábá, 26 square miles 324 acres were also converted into "Reserved."

District.	Sq. miles.	Acres.
Belgaum	28	429
Dharwar	15	245
Kolábá	...	24

4. Besides the above, lands newly selected for afforestation, aggregating *44 square miles 58 acres, were gazetted "Reserved" under Section 19 of the Forest Act.

5. The area converted into "Reserved" is entered in the 7th column of the above table as well as in the 4th. The 7th also includes the acreage that was disafforested, namely :—

District.	Protected-Forest.		Remarks.
	Sq. m.	Acres.	
Kanara	.....	1	Due to error in the original notification.
Belgaum	34	323	During final settlement.
Dharwar	63	268	
Kolábá	.....	408	
Total ...	98	·360	

Kanara.

6. Mr. R. T. Wingate, Forest-Settlement-Officer, Northern Division of Kanara, submitted settlement-proposals regarding 722 square miles of Súpá, and retired from the service on the 16th April, 1895, handing over charge to Mr. Sheppard, Forest-Settlement-Officer, Southern Division of Kanara.

7. Mr. Sheppard completed the field-work connected with 70 villages of Siddápúr and 73 of Honáwar, aggregating 84·12 and 199·75 square miles, respectively.

8. The settlement-proposals on these forests are under preparation.

9. The following area was notified under Section 4 of the Forest Act:—

District.	Area.		Remarks.
	A.	g.	
Kanara	89,567	4	In Honáwar
Do.	1,353	8	In Karwar.
Belgaum	1,550	7	In Parasgad.
Dharwar	3,609	11	Gadag, Ránebennur, Hubli, Kalghatgi, Dharwar, Bankápúr, Kód and Hángal.
Kolábá...	1,697	39	
	97,777	29	

Belgaum and Dhárwár.

10. Mr. Knight submitted settlement-reports on the forests referred to in paragraphs 25 and 26 of the last report, and reverted to the Revenue Department. Of his Office-Establishment, 2 men were placed under the Divisional Officer, Dharwar, and the services of the rest dispensed with.

11. Government-orders were received on the re-settlement of all the forests of Dharwar.

12. The following table shows the progress made in the settlement of the forests, which were gazetted under Section 34 of the Forest-Act:—

Name of Collectorate.	Class of Forests.	At the commencement of the year.	Area dealt with during the year and sanctioned by Government.		Area of Reserved Forests alienated under Section 26.	Area of Protected Forests disforested under Government orders.	At the end of the year.
		Areas under Section 34 in which private rights have not been enquired into, settled or recorded.	Under Section 19.	Under Section 28.			Areas under Section 34, in which private rights have not been enquired into, settled or recorded.
		Sq. m. a.	Sq. m. a.	Sq. m. a.	Sq. m. a.	Sq. m. a.	Sq. m. a.
Kanara	Reserved	214 286	.....	.....	.....	.....	214 286
	Protected...	1,915 338	.....	.....	.....	.....	1,915 338
Bijápúr	Reserved	155 56	.....	.....	.....	.....	155 56
	Protected...	89 409	.....	.....	.....	.....	89 409
Kolábá	Reserved	11 353	.....	.....	.....	.....	11 353
	Protected...	.....	.....	.....	.....	.....	.....
Total ...	Reserved	381 55	.....	.....	.....	.....	381 55
	Protected...	2,005 107	.....	.....	.....	.....	2,005 107

13. Government-orders on the settlement of 214 square miles, 286 acres of "Reserved," and 722 square miles of the "Protected," forests, shown against Kanara, have been received, but the notifications under Section 19 of the Forest-Act had not been published in the Gazette before the close of the year.

14. The area remaining to be reported upon is:—

	Square Miles.	Acres.
In Kanara, 2,129 square miles, 624 acres (detailed above) minus 936 square miles, 286 acres referred to in the last paragraph	1,193	338
In Kolábá (as given in the above table) ...	11	353
and the area notified under Section 4 of the Forest Act (referred to in para. 9) ...	2	418
In Belgaum (do.) ...	2	270
In Dharwar (do.) ...	5	409
Total ...	1,215	508

15. Of the area shown above, 813 square miles of *field-work* have been finished in Kan ara.

16. Lists of the Bijápur-forests, the settlement of which was sanctioned in Government Resolution No. 8339 dated 11th October, 1894, were submitted to Government for publication in the *Gazette*.

17. Nothing remains to be done in connection with the Dharwar-and Belgaum-forests excepting a few square miles of waste-land newly selected, which have to be settled, and this will be done by the Assistant-or Deputy-Collectors in charge of the tálukas concerned.

18. The two square miles 418 acres of Kolábá, referred to above, will be dealt with in the same way; and the 11 square miles, 353 acres, which have been awaiting settlement for a long time, should be taken in hand by the Collector and finished this season.

19. The field-work of the Circle still remaining to be done, and aggregating only about 400 square miles, will, it is hoped, be finished during the approaching working season.

20. The expenditure incurred on account of settlement during the year under report, was as detailed below :—

Not charged to Forests.

	Rs.
Salaries and allowances of the Forest-Settlement-Officer, S. D., Kanara	13,601
Do. do. of the Forest-Settlement-Officer, Belgaum-Dharwar	10,875

Charged to Forests.

Salaries and allowances of the Forest-Settlement-Officer, N. D. of Kanara	9,519
And of the Establishment employed in his office and contingencies	2,415
Salaries and allowances of the Establishment employed under the Forest-Settlement-Officer, Southern Division of Kanara, and contingencies...	3,560
Ditto. do. of the Establishment under the Forest-Settlement-Officer, Belgaum-Dharwar, and contingencies...	2,062
Compensation	1,262
Total ...	43,294

21. The settlement of the year, which is represented by the above expenditure, comprises :—

	Rs.
350·33 Square miles finally settled	23,915
283·87 Do. settlement in progress (area for which field-work has been completed)	19,379
	43,294.

22. The cost per square mile of the settlement finally effected during the year, was Rs. 68·26.

23. The total cost for settlement-operations up to 30th June, 1894, amounted to Rs. 3,37,528, and that on account of the area gazetted during the year under report, to Rs. 23,915. The area finally settled and gazetted up to the end of the year is 3,260·68 square miles, and the average cost of settlement up to date comes to Rs. 110 per square mile.

(iii).—DEMARCATION.

24. The forest-boundaries have all been demarcated by the Revenue-Survey, by stone-cairns, earthen mounds, or stones.

25. Their demarcation by means of special forest-boundary-marks will now be pressed forward vigorously.

26. Form No. 48 appended, gives details of work done during the year under report.

27. The following table shows the demarcation work done by the establishment under the Forest-Settlement-Officer, Kanara :—

Name of Táluka.	Number of villages demarcated.	Lines marked out.		Number of plates fixed.	Cost of fixing the plates.
		Miles.	Furlongs.		
					Rs. a. p.
Yellápur	7	65	3¼	354	898 0 0
Kúmtá	12	30	4	366	
Ankolá	1	2	7¾	9	
Total ...	20	98	7	729	898 0 0

IV.—SURVEYS.

28. In my report for 1893-94, I gave a statement, in paragraph 49, of the estimated cost for 3 years of the forest survey. The Superintendent has drawn my attention to the fact that in this statement the figures given for the year 1891-92 are really those for 1890-91, while those given for 1892-93 are really those for 1891-92. Subject to these corrections, the estimate appears to have been a correct deduction from the details supplied to me by the survey. It should, however, be noted that the actual cost of surveys on the 8-inch' scale in 1892-93 (the year omitted by me in the last annual report) was Rs. 235, and, for the 4-inch' scale, Rs. 114 as compared with Rs. 189 and Rs. 112 in 1893-94,* and with Rs. 112 for the 8-inch' in 1890-91.

29. Colonel Hobday explains that considerable fluctuations in the cost are due to a difference in the quantity of detail to be taken up in Kolábá and Kanara, respectively. The work in this respect is, he says, much heavier in Kolábá. When the detail-work lies chiefly or entirely in that district, the cost is high, but descends to a minimum when the work is confined to Kanara, as in 1890-91.

30. In order, therefore, to compare the relative cost of one year with another, it is necessary to keep the expenditure in each district separate, and Colonel Hobday has sent me separate estimates for each district, from which I have compiled the following figures :—

Cost per square mile of survey in the years 1890—95.

	1890-91.		1891-92.		1892-93.		1893-94.		1894-95.	
	4-inch.	8-inch.	4-inch.	8-inch.	4-inch.	8-inch.	4-inch.	8-inch.	4-inch.	8-inch.
Kanara...	...	112	126	...	114	...	112	...	...	...
Kolábá	...	...	...	220	...	235	...	189	...	186

31. According to this statement, it appears that the surveys in each district, taken separately, have not fluctuated from year to year more than might be expected and that they have been somewhat cheaper during later years.

32. The cost of the 8-inch' survey, in Kolábá, in 1894-95, came to Rs. 3 less per square mile of completed area than that of the previous year.

33. Colonel Hobday intends to introduce modifications, by means of which he hopes to reduce the cost of surveys in Kanara.

34. The cost of the 8-and 4-inch' surveys is practically the same, as is evident from the figures for Kanara noted above, and the Superintendent informs me that this has been his experience.

* These figures are furnished by the Superintendent, annas and pies having been rounded off to rupees.